

WHAT IS CLAIMED IS:

1. A method of translating strings included in management definition data, said method comprising:  
locating one or more display strings within a management  
5 definition data file;  
copying each of the display strings from the management definition data file;  
determining an identifier for each of the display strings;  
10 writing the identifiers and the corresponding display strings to a translation template; and  
writing the identifier to the management definition data file.
2. The method as described in claim 1 further comprising:  
15 translating the display strings written to the translation template to one or more national languages; and  
generating runtime files, the runtime files including the translated display strings.
- 20 3. The method as described in claim 2 further comprising:  
selecting a language from the one or more national languages;  
invoking at least one of the runtime files; and  
displaying the translated display strings corresponding  
25 to the selected language in response to the invoking.
4. The method as described in claim 2 further comprising:

reading a plug-in code file, wherein the plug-in code  
file is adapted to interface with a management  
console;

creating a resource bundle in response to determining  
5 that the management console supports resource  
bundles; and

writing translated display strings for a plurality of  
national languages to the resource bundle.

5. The method as described in claim 2 further comprising:  
10 reading a plug-in code file, wherein the plug-in code  
file is adapted to interface with a management  
console;

creating a plurality of runtime files, each of the  
runtime files corresponding to one of the national  
15 languages; and

writing the translated display strings for each national  
language to one of the runtime files.

6. The method as described in claim 1 wherein the management  
definition data file includes a common information model  
20 managed object format file.

7. The method as described in claim 1 wherein at least one  
of the display strings is selected from the group  
consisting of a qualifier value, a display panel object,  
an element name, a menu item name, and a tree node name.

25 8. An information handling system comprising:  
one or more processors;  
a memory accessible by the processors;

a nonvolatile storage area accessible by the processors;

and

a translation tool for translating strings from a  
management definition file stored on the nonvolatile  
storage device, the translation tool including:  
search logic for locating one or more display  
strings within the management definition file;  
transfer logic for copying each of the display  
strings from the management definition file;  
identifier generation logic for determining an  
identifier for each of the display strings;  
output logic for writing the identifiers and the  
corresponding display strings to a translation  
template; and  
output logic for writing the identifier to the  
management definition data file.

9. The information handling system as described in claim 8  
further comprising:

translation logic for translating the display strings  
written to the translation template to one or more  
national languages; and  
file generation logic for generating runtime files, the  
runtime files including the translated display  
strings.

10. The information handling system as described in claim 9  
further comprising:

selection logic for selecting a language from the one or  
more national languages;

dispatch logic for invoking at least one of the runtime  
files; and

display logic for displaying the translated display  
strings corresponding to the selected language in  
response to the invoking.

11. The information handling system as described in claim 9  
further comprising:

input logic for reading a plug-in code file, wherein the  
plug-in code file is adapted to interface with a  
management console;

output logic for creating a resource bundle in response  
to determining that the management console supports  
resource bundles; and

output logic for writing translated display strings for a  
plurality of national languages to the resource  
bundle.

12. The information handling system as described in claim 9  
further comprising:

input logic for reading a plug-in code file, wherein the  
plug-in code file is adapted to interface with a  
management console;

output logic for creating a plurality of runtime files,  
each of the runtime files corresponding to one of  
the national languages; and

output logic for writing the translated display strings  
for each national language to one of the runtime  
files.

13. The information handling system as described in claim 8 wherein the management definition file includes a common information model managed object format file.
14. The information handling system as described in claim 8 wherein at least one of the display strings is selected from the group consisting of a qualifier value, a display panel object, an element name, a menu item name, and a tree node name.
15. A computer program product stored on a computer operable medium for translating strings included in management definition data, said computer program product comprising:
- means for locating one or more display strings within a management definition data file;
  - means for copying each of the display strings from the management definition data file;
  - means for determining an identifier for each of the display strings;
  - means for writing the identifiers and the corresponding display strings to a translation template; and
  - means for writing the identifier to the management definition data file.
16. The computer program product as described in claim 15 further comprising:
- means for translating the display strings written to the translation template to one or more national languages; and

means for generating runtime files, the runtime files including the translated display strings.

17. The computer program product as described in claim 16 further comprising:

5 means for selecting a language from the one or more national languages;  
means for invoking at least one of the runtime files; and  
means for displaying the translated display strings  
10 corresponding to the selected language in response to the invoking.

18. The computer program product as described in claim 16 further comprising:

15 means for reading a plug-in code file, wherein the plug-in code file is adapted to interface with a management console;  
means for creating a resource bundle in response to determining that the management console supports resource bundles; and  
20 means for writing translated display strings for a plurality of national languages to the resource bundle.

19. The computer program product as described in claim 16 further comprising:

25 means for reading a plug-in code file, wherein the plug-in code file is adapted to interface with a management console;

means for creating a plurality of runtime files, each of  
the runtime files corresponding to one of the  
national languages; and  
means for writing the translated display strings for each  
5 national language to one of the runtime files.

20. The computer program product as described in claim 15  
wherein the management definition data file includes a  
common information model managed object format file.
21. The computer program product as described in claim 15  
10 wherein at least one of the display strings is selected  
from the group consisting of a qualifier value, a display  
panel object, an element name, a menu item name, and a  
tree node name.
22. A method of translating strings included in management  
15 definition data, said method comprising:  
locating one or more display strings within a management  
definition data file;  
copying each of the display strings from the management  
definition data file;  
20 determining an identifier for each of the display  
strings;  
writing the identifiers and the corresponding display  
strings to a translation template;  
writing the identifier to the management definition data  
25 file;

translating the display strings written to the  
translation template to one or more national  
languages; and  
generating runtime files, the runtime files including the  
translated display strings.

23. A method of translating strings included in management  
definition data, said method comprising:  
locating one or more display strings within a management  
definition data file, wherein the management  
definition data file includes a common information  
model managed object format file;  
copying each of the display strings from the management  
definition data file;  
determining an identifier for each of the display  
strings;  
writing the identifiers and the corresponding display  
strings to a translation template;  
writing the identifier to the management definition data  
file;  
translating the display strings written to the  
translation template to one or more national  
languages;  
generating runtime files, the runtime files including the  
translated display strings;  
selecting a language from the one or more national  
languages;  
invoking at least one of the runtime files; and



displaying the translated display strings corresponding to the selected language in response to the invoking.

24. An information handling system comprising:

5 one or more processors;

a memory accessible by the processors;

a nonvolatile storage area accessible by the processors;  
and

10 a translation tool for translating strings from a management definition file stored on the nonvolatile storage device, the translation tool including:  
search logic for locating one or more display strings within the management definition file;  
transfer logic for copying each of the display strings from the management definition file;  
15 identifier generation logic for determining an identifier for each of the display strings;  
output logic for writing the identifiers and the corresponding display strings to a translation template;  
20 output logic for writing the identifier to the management definition data file;  
translation logic for translating the display strings written to the translation template to one or more national languages; and  
25 file generation logic for generating runtime files, the runtime files including the translated display strings.

25. A computer program product stored on a computer operable medium for translating strings included in management definition data, said computer program product comprising:

5 means for locating one or more display strings within a management definition data file;

means for copying each of the display strings from the management definition data file;

10 means for determining an identifier for each of the display strings;

means for writing the identifiers and the corresponding display strings to a translation template;

means for writing the identifier to the management definition data file;

15 means for translating the display strings written to the translation template to one or more national languages; and

means for generating runtime files, the runtime files including the translated display strings.